

## Screen-printable epoxy resin composition

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**Inventor:** GIESEN FRANZ-JOSEF (DE); ZERFASS HANS-RAINER DR (DE)  
**Applicant:** GOETZE AG (DE)  
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### Abstract of DE3611285

In a screen-printable epoxy resin composition, the epoxy curing agent comprises a solid and crystalline curing agent, so that the epoxy resin composition has a long pot life, the thinner employed is a reactive liquid epoxy resin which has a high filler content of from 50 to 90 per cent by weight and thus facilitates high strength and heat resistance, and the flexibiliser comprises a liquid dimethylpolysiloxane which firstly has good lubrication properties of the screen-printing composition during processing and secondly improves the adhesive behaviour and the elasticity of the coatings produced. The epoxy composition is preferably used for the production of coatings on cylinder head gaskets by screen printing, but can also be used for other coating processes, such as, particularly advantageously, in the coil coating process.

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